

California OES Weather Threat Briefing

Sunday, January 2, 2022
9:00 AM PST

Day 1 (Sunday): The threat of coastal flooding across portions of Coastal Region will peak today and Monday before slowly decreasing on Tuesday. The next winter storm will begin moving into northern California today, but the more significant wind and precipitation impacts will hold off until Monday.

National Weather Service

*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



WEATHER KEY POINTS

01/02/22 - 01/08/22

Sunday - Tuesday

- Colder than typical temperatures are expected through Monday, with nighttime temperatures 10 to 20 degrees below normal in some locations
 - A warming trend is expected for early-to-mid work week, with most valley locations will no longer seeing impactful freezing temperatures
- Astronomical high tides through early next week are some of the highest of the year, which could lead to some coastal flooding
 - Tides will peak near 8.81 feet at Humboldt Bay on Sunday and Monday. This combined with strong south winds along the coast could bring significant coastal flooding to areas around Humboldt Bay and possibly on Highway 101 on the south side of Crescent City
 - High tides will remain above 7 feet across the Bay Area through Monday and could result in localized coastal and shoreline flooding in low-lying areas
- Another winter storm will impact northern California Sunday through Tuesday
 - Additional moderate to locally heavy precipitation is expected, with the heaviest precipitation likely across far northern California
 - The heaviest rainfall is expected Monday into early Tuesday, with an increased risk for mountain rock and mudslides, minor flooding of low-lying urban drainages, and rises on creeks and streams
 - The burn scar debris flow threat is currently considered to be low
 - Locally heavy mountain snow will lead to travel difficulties, especially across the northern third of the state (north of Highway 50)
 - Winds will increase significantly across far northern California, with the strongest gusts expected late Sunday through early Tuesday
 - Tree/power line damage is likely, especially in the mountains and near the Oregon border, and blowing snow in the mountains could lead to visibility and travel impacts

Wednesday - Saturday

- Another round of weak Santa Ana winds is expected across southern California on Wednesday and Thursday
- Other than some lingering showers near the Oregon border, Wednesday and Thursday are expected to be drier across the state
- The next storm system is expected to push through northern California on Friday, bringing a brief period of gusty winds and generally light to locally moderate precipitation
- Following Friday's storm, dry weather will likely settle in across much of the state for the weekend and potentially into the second week of January



CALIFORNIA WEATHER IMPACTS

01/02/22 - 01/08/22

<u>Hazards / Day</u>	SUN	MON	TUE	WED	THU	FRI	SAT
Non-Thunderstorm Damaging Winds	Coastal/ Inland	Coastal/ Inland	Inland	Inland/ Southern	Southern		
Snow	Coastal	Coastal/ Inland	Coastal/ Inland			Inland	
Coastal Flooding	North & Central Coast	North & Central Coast	North Coast				
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)		Coastal				Coastal	
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)							
Heat Risk							
Heavy Rain/Flash Flooding/ Debris Flow	Coastal	Coastal/ Inland	Coastal/ Inland			Coastal/ Inland	
Cold	All	Southern					



No Impacts



Minimal Impacts



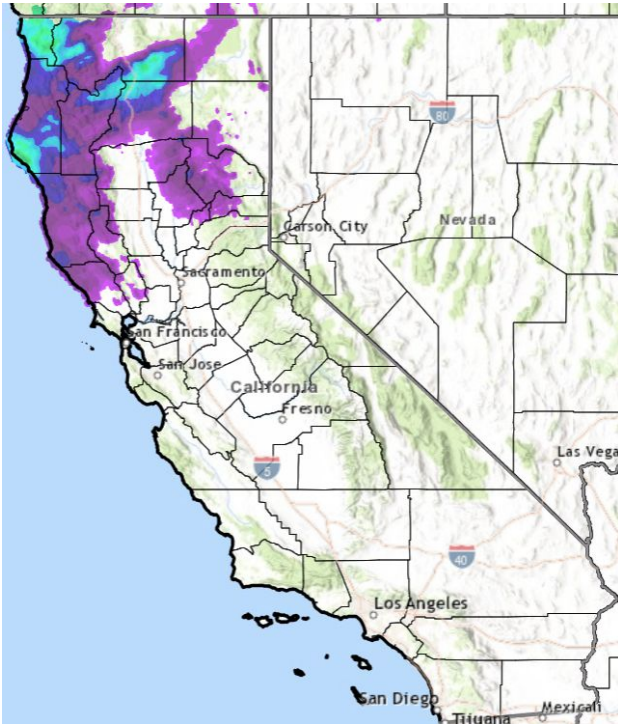
Moderate Impacts



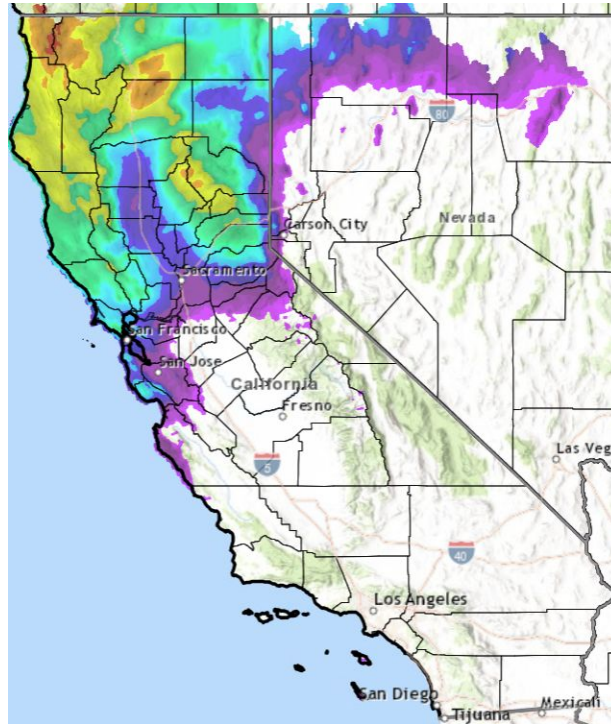
Severe Impacts

PRECIPITATION FORECAST

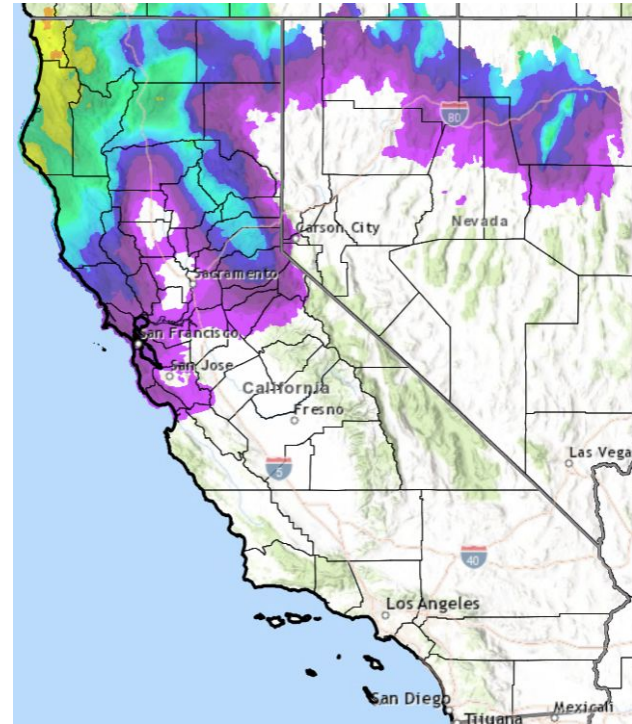
01/02/22 - 01/04/22



Sunday



Monday



Tuesday

Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

Precipitation (inches)



WEATHER OUTLOOK

01/07/22 - 01/15/22

6-10 Day Outlook (January 7 – January 11)

Temperatures

- Near normal temperatures are favored for much of the state

Precipitation

- Near normal precipitation is favored across most of the state, with above normal precipitation favored across far northeast California

8-14 Day Outlook (January 9 – January 15)

Temperatures

- Near normal temperatures are favored across northern and central California, with above normal temperatures favored for southern California

Precipitation

- Below normal precipitation is favored statewide.



Information provided by:

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